

Listing and Amendments to the Claims

1. (cancelled)
2. (Previously presented) The device according to claim 10, further comprising means for determining a spanning tree for all networks attached to the device, comprising means for enabling or disabling the determination of the spanning tree.
3. (Previously presented) The device according to claim 10, further comprising means for updating filtering tables for respective connected networks, said filtering tables comprising information for determining whether a message on a network is to be forwarded to another network, said updating using a process by default, comprising means for enabling or disabling the default process.
4. (Previously presented) The device according to claim 3, wherein said default process is based on analysis of source addresses in messages detected on a respective network, comprising means for enabling or disabling message detection based updating.
5. (Previously presented) The device according to claim 3, further comprising means for updating a filtering table for a given network based on a device discovery process specific to said given network.
6. (Previously presented) The device according to claim 3, wherein said default process is enabled for an Ethernet network.
7. (Previously presented) The device according to claim 3, wherein said default process is disabled for a USB network.

8. (Previously presented) The device according to claim 10, further comprising means for generating a message to said link management module upon a filtering table amendment, said means for generating having an enabled state and a disabled state for each network.

9. (Previously presented) The device according to claim 8, wherein said means for generating a message is enabled for an Ethernet network.

10. (Currently amended) A device for connecting a centralized wireless network to at least one other network, said device being a wireless station compliant to with the IEEE 802.11 or Hiperlan2 standards, said wireless station not being a wireless access point, and further comprising:

a wireless interface for managing more than one MAC address for association with an access point of said centralized wireless network, wherein said associations are as defined by the IEEE 802.11 or Hiperlan2 standards;

a bridge module for managing a plurality of ports for connecting to respective networks;

a link management module for managing associations of different MAC addresses corresponding to devices connected to said at least one other network with said access point of said centralized wireless network such that said devices connected to said at least one other network will appear as wireless stations to the access point; and

said device having two protocol stacks, one of said protocol stacks being an IEEE 802.11 protocol stack, said IEEE 802.11 protocol stack operating to control a wireless network being implemented in a microprocessor.